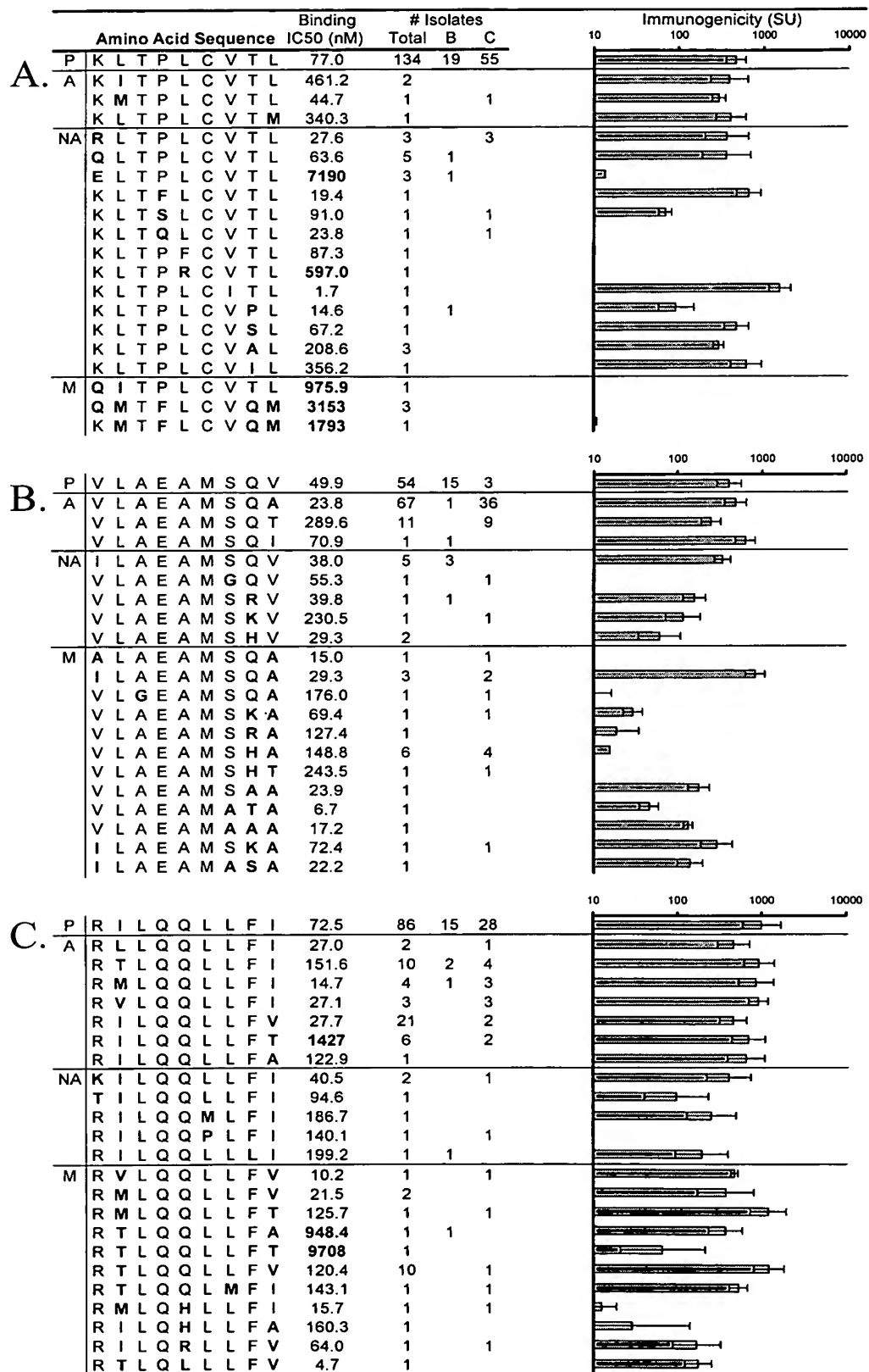


FIGS. 1A-1C



FIGS. 1D-1E

D.

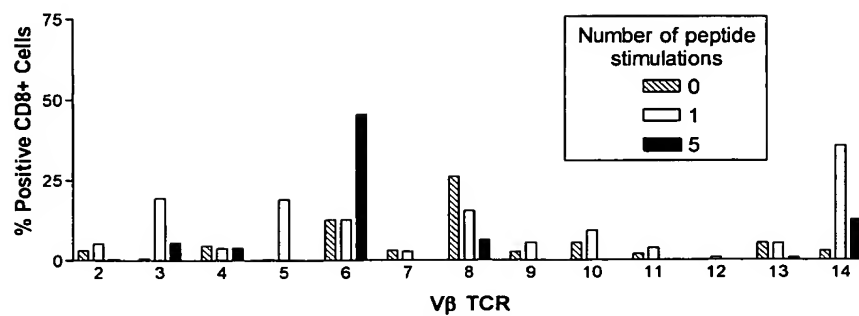
	Amino Acid Sequence	Binding IC50 (nM)	# Isolates			Immunogenicity (SU)
			Total	B	C	
P	V T I K I G G Q L K	15.5	18	13	1	
A	V A I K I G G Q L K	151.3	2	1		
	V T I K I G G Q L R	64.0	2			
NA	V T V K I G G Q L K	60.7	11	1		
	V T I R I G G Q L K	14.4	3	2		
	V T I K V G G Q L K	59.4	2	2		
	V T I K I E G Q L K	69.4	2	1		
	V T I K I G G Q I K	183.5	1			
2NA	V T V K I G G Q L R	194.1	3			
	V T V K I G G E L K	39.2	1			
	V T V K I E G Q L K	23.2	4			
	V T V K V G G Q L K	54.3	3			
	V T V R I G G Q L K	15.2	6			
	V T I R I G G Q L R	22.9	2			
	V T I R V G G Q L K	13.2	1			
	V A I K I G G Q I K	940.2	1	1		
	V N I K V G G Q L K	1768	1		1	
	V T I K I G G Q I R	388.5	1			
3NA	V T I K L G G Q I R	219.5	1			
	V T V K I E G Q L R	143.0	4			
	V T V K V G G Q L R	198.7	2			
	V T I R V G G Q L R	17.3	1			
	V S I K V G G Q I K	85.9	30		30	
	V T V R V G G Q L K	19.3	1			
4NA	V T I R V A G Q V K	20.8	1			
	V S I R V G G Q T K	20.9	1			
	V S I R V G G Q I K	90.6	4		4	
	V S I K V G G Q I R	1339	6		6	
	V T V R I G G M Q K	13.4	1			
	V S I R V G G Q T R	240.6	1		1	
	I T V K I G K E V R	12904	1			

E.

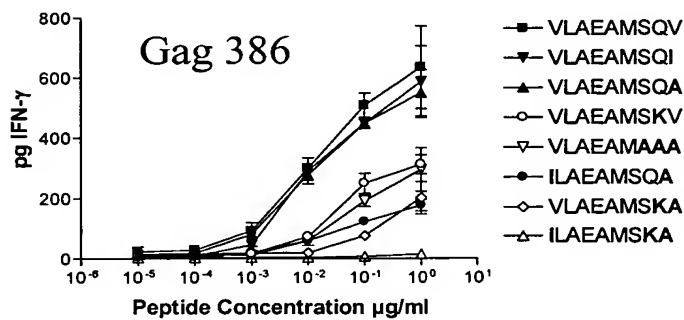
	Amino Acid Sequence	Binding IC50 (nM)	# Isolates			Immunogenicity (SU)
			Total	B	C	
P	V T V Y Y G V P V W K	9.2	99	21	30	
A	V T V Y Y G V P V W R	22.3	40		18	
NA	V T I Y Y G V P V W K	2.5	1			
	V T V Y D G V P V W K	18.8	1		1	
	V T V Y Y G V P I W K	2.3	2			
M	I T V Y Y G V P V W R	75.9	1			
	V T I Y Y G V P V W R	3.0	1			
	V T V Y D G V P V W R	245.7	1		1	
	V T V Y Y G I P V W R	16.7	1			
	V T V Y Y G V P V R R	270.7	1			

FIGS. 2A-2C

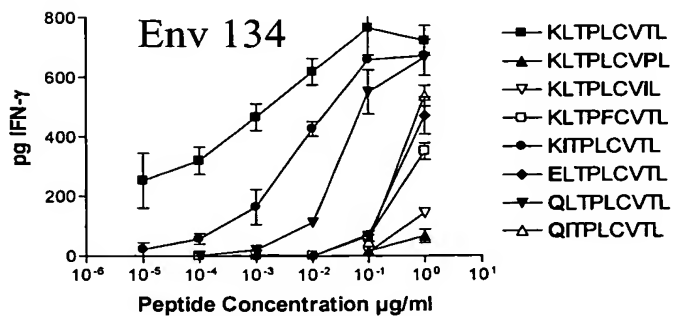
A.



B.



C.



FIGS. 3A-3B

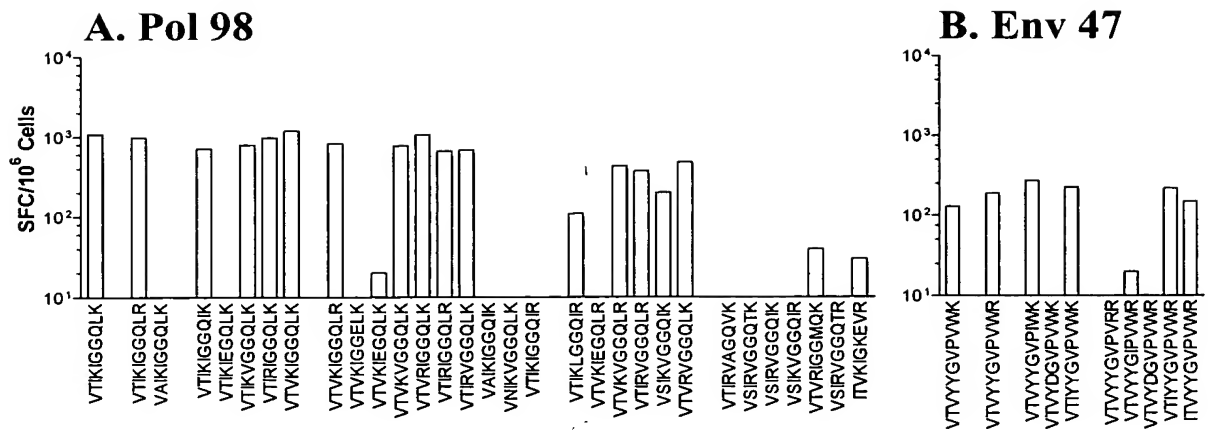


FIG. 4

